

PATENT
Atty. Dkt. AMAT/5730/TCG/WCVD

1765
160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yoo, et al.

Serial No.: 10/023,125

Confirmation No.: 4585

Filed: December 17, 2001

For: Pulse Nucleation Enhanced
Nucleation Technique for
Improved Step Coverage
and Better GAP Fill for
WCVD Process

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Group Art Unit: 1765

Examiner: Unknown

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MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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9/15/04 Date	<i>Kit [Signature]</i> Signature

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

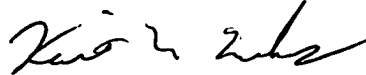
While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/5730/KMT.

Respectfully submitted,



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APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/023,125
Filing Date	December 17, 2001
First Named Inventor	Yoo, et al.
Group Art Unit	1765
Examiner Name	Unknown
Attorney Docket Number	AMAT/5730/TCG/WCVD
Submission Date	September 15, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	6,635,965	10/21/2003	Lee, et al.	
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				
	A12				
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	A16				
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	Yang, et al. "Atomic Layer Deposition of Tungsten Film from WF ₆ /B ₂ H ₆ : Nucleation Layer for Advanced Semiconductor Device," Conference Proceedings ULSI XVII (2002) Materials Research Society.	

Examiner

Date Considered

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